

Machine Id

## VOLVO A25G 752092

Wet Disc Brake

VOLVO WET BRAKE TRANSAXLE OIL (--- GAL)

DEC	OMME		
NEC		NDAT	

Resample at the next service interval to monitor.

## **WEAR**

All component wear rates are normal.

## CONTAMINATION

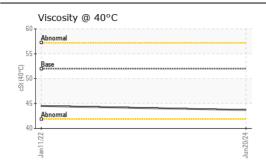
There is no indication of any contamination in the oil.

## FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0010826	VCP343613	
Sample Date		Client Info		20 Jun 2024	11 Jan 2022	
Machine Age	hrs	Client Info		3040	1107	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	N/A	
Filter Changed		Client Info		Changed	N/A	
Sample Status				NORMAL	ABNORMAL	
				<u>^</u>	40	
Iron	ppm	ASTM D5185m	>20	9	12	
Chromium	ppm	ASTM D5185m	>10	<1	<1	
Nickel	ppm	ASTM D5185m	>10	0	2	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m		<1	3	
Aluminum	ppm	ASTM D5185m	>10	2	2	
Lead	ppm	ASTM D5185m	>10	1	4	
Copper	ppm	ASTM D5185m	>75	28	<b>A</b> 330	
Tin	ppm	ASTM D5185m	>10	0	1	
Vanadium	ppm	ASTM D5185m		<1	<1	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
renow word	Julia	visuai	NONE	NONE	NONE	
Silicon		ASTM D5185m	>20	19	17	
	ppm					
Silicon		ASTM D5185m	>20	19	17	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	19 0	17 2	
Silicon Potassium Water	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	19 0 NEG	17 2 NEG	
Silicon Potassium Water Silt	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >20	19 0 NEG NONE	17 2 NEG NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE	19 0 NEG NONE NONE	17 2 NEG NONE MODER	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	19 0 NEG NONE NONE NONE	17 2 NEG NONE MODER NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	19 0 NEG NONE NONE NONE NORML	17 2 NEG NONE MODER NONE NONE	    
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NORML NORML	19 0 NEG NONE NONE NORE NORML NEG	17 2 NEG NONE MODER NONE MILKY NORML 0.2%	   
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML >0.1	19 0 NEG NONE NONE NORML NORML NEG 5	17 2 NEG NONE MODER NONE MILKY NORML 0.2%	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1	19 0 NEG NONE NONE NORML NORML NEG 5 116	17 2 NEG NONE MODER NONE MILKY NORML 0.2% 17 134	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML >0.1	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1	17 2 NEG NONE MODER NONE MILKY NORML 0.2% 17 134 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0	17 2 NEG NONE MODER NONE NONE 0.2% 17 134 0 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0 <1	17 2 NEG NONE NONE NONE NILKY NORML 0.2% 17 134 0 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1 100 0 0	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0 <1 16	17 2 NEG NONE NONE NONE 0.2% 17 134 0 2 38	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML >0.1 100 0 0 0 0 3800	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0 <1 16 3861	17 2 NEG NONE NONE NONE NORML 0.2% 17 134 0 2 38 3799	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.1</li> <li>100</li> <li>0</li> <li>0</li> <li>3800</li> <li>1200</li> </ul>	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0 <1 16 3861 1281	17 2 NEG NONE NONE NONE NORM 0.2% 17 134 0 134 0 2 38 3799 1406	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.1</li> <li>100</li> <li>0</li> <li>0</li> <li>3800</li> <li>1200</li> </ul>	19 0 NEG NONE NONE NORML NORML S 5 116 <1 0 <1 16 3861 1281 1477	17 2 NEG NONE NONE NONE 0 10000000000000000000000000000000000	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;20</li> <li>&gt;0.1</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.1</li> <li>100</li> <li>0</li> <li>0</li> <li>3800</li> <li>1200</li> </ul>	19 0 NEG NONE NONE NORML NORML NEG 5 116 <1 0 <1 16 3861 1281	17 2 NEG NONE NONE NONE NORM 0.2% 17 134 0 134 0 2 38 3799 1406	

Contact/Location: JESSE WILSON - VOLVO8531



Received

Diagnosed

Tested

365 - ASCENDUM MACHINERY INC - SAVANNAH : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 27 Jun 2024 54 MEDLINE DR : 28 Jun 2024 RICHMOND HILL, GA : 30 Jun 2024 - Don Baldridge US 31324 Contact: JESSE WILSON jesse.wilson@ascendummachinery.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (912)964-9515

Lab Number : 06222925 Unique Number : 11101122 Test Package : CONST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. 

Report Id: VOLVO8531 [WUSCAR] 06222925 (Generated: 06/30/2024 10:02:13) Rev: 1

Laboratory

Sample No.

: ASC0010826

Contact/Location: JESSE WILSON - VOLVO8531 Page 2 of 2